

GOLDEN VALLEY RANCH STORM DRAINAGE IMPROVEMENTS

|       | Pipes & Boxes            |           |             |                    |           |             |                    |           |               |                    |           |              |                    |           |               |                    |           |               |                    |           |               |                    |           |              |
|-------|--------------------------|-----------|-------------|--------------------|-----------|-------------|--------------------|-----------|---------------|--------------------|-----------|--------------|--------------------|-----------|---------------|--------------------|-----------|---------------|--------------------|-----------|---------------|--------------------|-----------|--------------|
|       | Reinforced Concrete Pipe |           |             |                    |           |             |                    |           |               |                    |           |              |                    |           |               |                    |           |               |                    |           |               |                    |           |              |
| Phase | 18-inch RCP (Lft.)       | Unit Cost | Cost        | 24-inch RCP (Lft.) | Unit Cost | Cost        | 30-inch RCP (Lft.) | Unit Cost | Cost          | 36-inch RCP (Lft.) | Unit Cost | Cost         | 42-inch RCP (Lft.) | Unit Cost | Cost          | 48-inch RCP (Lft.) | Unit Cost | Cost          | 54-inch RCP (Lft.) | Unit Cost | Cost          | 60-inch RCP (Lft.) | Unit Cost | Cost         |
| 1     | 236.00                   | \$ 18.60  | \$ 4,389.60 | 180.00             | \$ 29.50  | \$ 5,310.00 | 2,913.00           | \$ 42.60  | \$ 124,093.80 | 389.00             | \$ 58.20  | \$ 22,639.80 | 6,587.00           | \$ 76.10  | \$ 501,270.70 | 1,695.00           | \$ 96.40  | \$ 163,398.00 | 2,190.00           | \$ 119.00 | \$ 260,610.00 | 117.00             | \$ 144.00 | \$ 16,848.00 |
| 2     | -                        | \$ 18.60  | \$ -        | -                  | \$ 29.50  | \$ -        | -                  | \$ 42.60  | \$ -          | -                  | \$ 58.20  | \$ -         | -                  | \$ 76.10  | \$ -          | -                  | \$ 96.40  | \$ -          | -                  | \$ 119.00 | \$ -          | -                  | \$ 144.00 | \$ -         |
| 3     | -                        | \$ 18.60  | \$ -        | -                  | \$ 29.50  | \$ -        | -                  | \$ 42.60  | \$ -          | -                  | \$ 58.20  | \$ -         | -                  | \$ 76.10  | \$ -          | -                  | \$ 96.40  | \$ -          | -                  | \$ 119.00 | \$ -          | -                  | \$ 144.00 | \$ -         |
| 4     | -                        | \$ 18.60  | \$ -        | -                  | \$ 29.50  | \$ -        | -                  | \$ 42.60  | \$ -          | -                  | \$ 58.20  | \$ -         | -                  | \$ 76.10  | \$ -          | -                  | \$ 96.40  | \$ -          | -                  | \$ 119.00 | \$ -          | -                  | \$ 144.00 | \$ -         |
| 5     | -                        | \$ 18.60  | \$ -        | -                  | \$ 29.50  | \$ -        | -                  | \$ 42.60  | \$ -          | -                  | \$ 58.20  | \$ -         | -                  | \$ 76.10  | \$ -          | -                  | \$ 96.40  | \$ -          | -                  | \$ 119.00 | \$ -          | -                  | \$ 144.00 | \$ -         |
| 6     | -                        | \$ 18.60  | \$ -        | -                  | \$ 29.50  | \$ -        | -                  | \$ 42.60  | \$ -          | -                  | \$ 58.20  | \$ -         | -                  | \$ 76.10  | \$ -          | -                  | \$ 96.40  | \$ -          | -                  | \$ 119.00 | \$ -          | -                  | \$ 144.00 | \$ -         |
| 7     | -                        | \$ 18.60  | \$ -        | -                  | \$ 29.50  | \$ -        | -                  | \$ 42.60  | \$ -          | -                  | \$ 58.20  | \$ -         | -                  | \$ 76.10  | \$ -          | -                  | \$ 96.40  | \$ -          | -                  | \$ 119.00 | \$ -          | -                  | \$ 144.00 | \$ -         |
|       | -                        | \$ 18.60  | \$ -        | -                  | \$ 29.50  | \$ -        | -                  | \$ 42.60  | \$ -          | -                  | \$ 58.20  | \$ -         | -                  | \$ 76.10  | \$ -          | -                  | \$ 96.40  | \$ -          | -                  | \$ 119.00 | \$ -          | -                  | \$ 144.00 | \$ -         |

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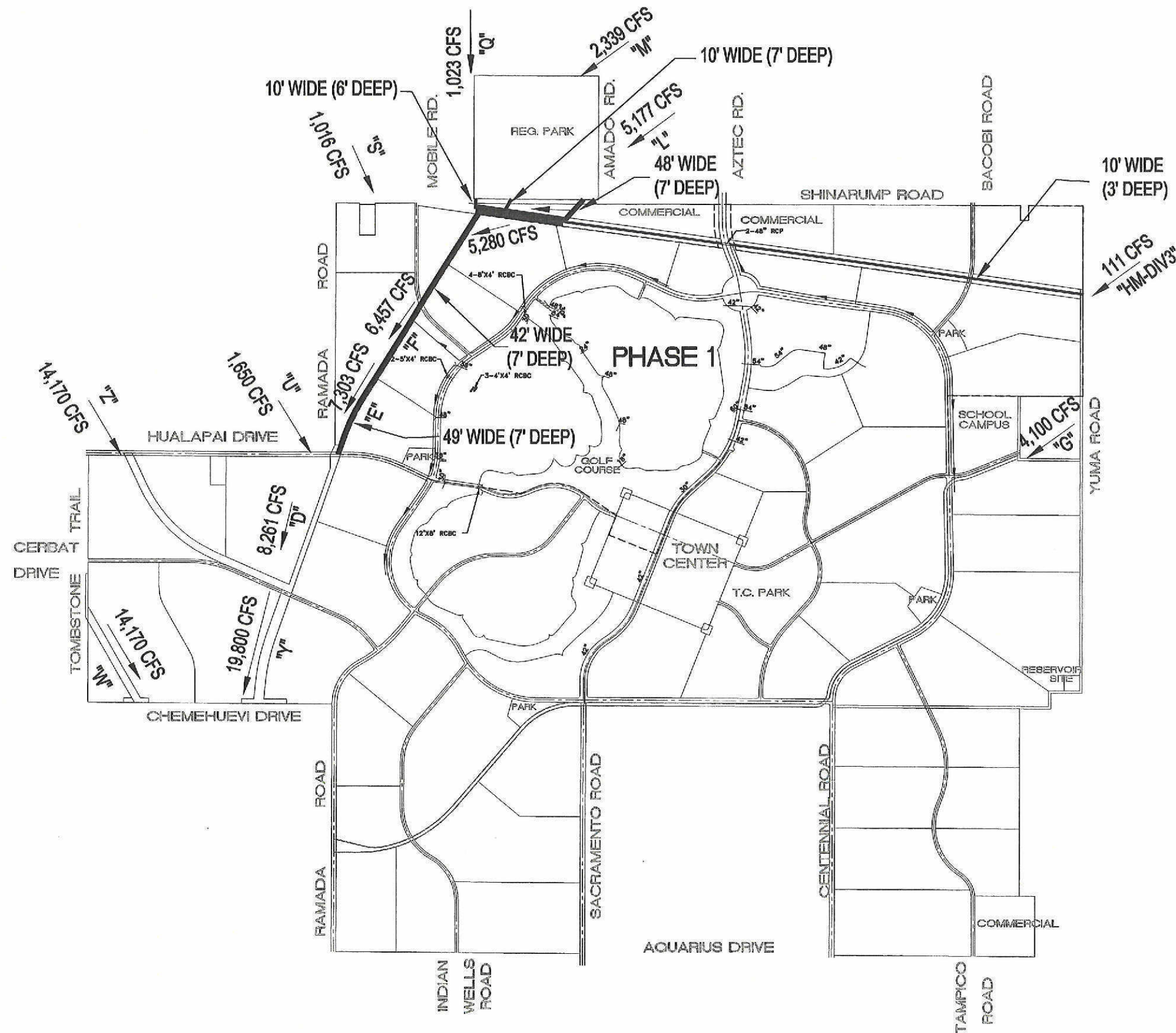
|       | Pipes & Boxes Continued   |              |              |                        |              |              |                        |              |              |                        |              |               |                         |              |              |                           | Totals                       |                       |                  |
|-------|---------------------------|--------------|--------------|------------------------|--------------|--------------|------------------------|--------------|--------------|------------------------|--------------|---------------|-------------------------|--------------|--------------|---------------------------|------------------------------|-----------------------|------------------|
|       | Reinforced Concrete Boxes |              |              |                        |              |              |                        |              |              |                        |              |               |                         |              |              |                           |                              |                       |                  |
| Phase | 4 X 4<br>RCB<br>(Lft.)    | Unit<br>Cost | Cost         | 5 X 4<br>RCB<br>(Lft.) | Unit<br>Cost | Cost         | 6 X 5<br>RCB<br>(Lft.) | Unit<br>Cost | Cost         | 8 X 4<br>RCB<br>(Lft.) | Unit<br>Cost | Cost          | 12 X 8<br>RCB<br>(Lft.) | Unit<br>Cost | Cost         | Total Storm<br>Sewer Cost | Engineering and<br>Survey at | Construction<br>Total |                  |
| 1     | 195.00                    | \$ 146.20    | \$ 28,509.00 | 300.00                 | \$ 191.70    | \$ 57,510.00 | -                      | \$ 246.50    | \$ -         | 452.00                 | \$ 296.30    | \$ 133,927.60 | 100.00                  | \$ 733.30    | \$ 73,330.00 | \$ 14,396,493.23          | 15%                          | \$ 2,159,473.98       | \$ 16,555,967.22 |
| 2     | -                         | \$ 146.20    | \$ -         | -                      | \$ 191.70    | \$ -         | -                      | \$ 246.50    | \$ -         | -                      | \$ 296.30    | \$ -          | -                       | \$ 733.30    | \$ -         | \$ 16,972,333.84          | 15%                          | \$ 2,545,850.08       | \$ 19,518,183.92 |
| 3     | -                         | \$ 146.20    | \$ -         | -                      | \$ 191.70    | \$ -         | 200.00                 | \$ 246.50    | \$ 49,300.00 | 576.00                 | \$ 296.30    | \$ 170,668.80 | -                       | \$ 733.30    | \$ -         | \$ 12,982,578.19          | 15%                          | \$ 1,947,386.73       | \$ 14,929,964.92 |
| 4     | -                         | \$ 146.20    | \$ -         | -                      | \$ 191.70    | \$ -         | -                      | \$ 246.50    | \$ -         | -                      | \$ 296.30    | \$ -          | -                       | \$ 733.30    | \$ -         | \$ -                      | 15%                          | \$ -                  | \$ -             |
| 5     | -                         | \$ 146.20    | \$ -         | -                      | \$ 191.70    | \$ -         | -                      | \$ 246.50    | \$ -         | -                      | \$ 296.30    | \$ -          | -                       | \$ 733.30    | \$ -         | \$ -                      | 15%                          | \$ -                  | \$ -             |
| 6     | -                         | \$ 146.20    | \$ -         | -                      | \$ 191.70    | \$ -         | -                      | \$ 246.50    | \$ -         | -                      | \$ 296.30    | \$ -          | -                       | \$ 733.30    | \$ -         | \$ 14,500,857.92          | 15%                          | \$ 2,175,128.69       | \$ 16,675,986.61 |
| 7     | -                         | \$ 146.20    | \$ -         | -                      | \$ 191.70    | \$ -         | -                      | \$ 246.50    | \$ -         | -                      | \$ 296.30    | \$ -          | -                       | \$ 733.30    | \$ -         | \$ 8,168,345.54           | 15%                          | \$ 1,225,251.83       | \$ 9,393,597.37  |
|       | -                         | \$ 146.20    | \$ -         | -                      | \$ 191.70    | \$ -         | -                      | \$ 246.50    | \$ -         | -                      | \$ 296.30    | \$ -          | -                       | \$ 733.30    | \$ -         | \$ -                      | 15%                          | \$ -                  | \$ -             |
|       |                           |              |              |                        |              |              |                        |              |              |                        |              |               |                         |              |              | \$ 67,020,608.72          |                              | \$ 10,053,091.31      | \$ 77,073,700.03 |

GOLDEN VALLEY RANCH STORM DRAINAGE IMPROVEMENTS

Budget Cost Summary

| Description |                     | Totals                 |                           |                    |
|-------------|---------------------|------------------------|---------------------------|--------------------|
|             |                     |                        |                           |                    |
| Phase       | Description         | Total Storm Sewer Cost | Engineering and Survey at | Construction Total |
| 1           |                     | \$ 14,396,493.23       | 15% \$ 2,159,473.98       | \$ 16,555,967.22   |
| 2           |                     | \$ 16,972,333.84       | 15% \$ 2,545,850.08       | \$ 19,518,183.92   |
| 3           |                     | \$ 12,982,578.19       | 15% \$ 1,947,386.73       | \$ 14,929,964.92   |
| 4           | Included in Phase 2 | \$ -                   | 15% \$ -                  | \$ -               |
| 5           | Included in Phase 2 | \$ -                   | 15% \$ -                  | \$ -               |
| 6           |                     | \$ 14,500,857.92       | 15% \$ 2,175,128.69       | \$ 16,675,986.61   |
| 7           |                     | \$ 8,168,345.54        | 15% \$ 1,225,251.83       | \$ 9,393,597.37    |
|             |                     | \$ -                   | 15% \$ -                  | \$ -               |
|             |                     | \$ 67,020,608.72       | \$ 10,053,091.31          | \$ 77,073,700.03   |





**GOLDEN VALLEY RANCH**  
MOHAVE COUNTY ARIZONA

## DRAINAGE PLAN PHASE 1



DATE: DEC. 15, 2005  
DRAWN:  
APPROVED: